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**Application Number** 10/616,096 Filing Date July 8, 2003 First Named Inventor Oleynikov et al. Art Unit 2837

## INFORMATION DISCLOSURE

STATEMENT BY APPLICANT (Use as many sheets as necessary) **Examiner Name** Unknown Attorney Docket Number UNMC/0006 of 2 Sheet

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (8 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
30	1	<sup>US-</sup> 2002/0103417	08/01/2002	Robert F. Gazdzinski		
SP	2	<sup>US-</sup> 2002/0120254	08/29/2002	Intuitive Surgical, Inc.		
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Τ
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90	1	WO 02/082979	10/24/2002	Harel et al.		
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		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
Эр	1	Fireman, Z. et al. "Diagnosing small bowel Crohn's disease with wireless capsule endoscopy." <u>Gut Online.</u> 2003, 52: 390-392. BMJ Publishing Group Ltd.		
Op	2	Abbou, Clement-Claude et al. "Laparoscopic Radical Prostatectomy with a Remote Controlled Robot." The Journal of Urology. June 2001, 165: 1964-1966.		
N	3	Fraulob, S. et al. "Miniature assistance module for robot-assisted heart surgery." Biomed. Tech. 2002, 47 Suppl. 1, Pt. 1: 12-5.	~	English Abstract Only
	4	Guber, A. E. et al. "Miniaturized Instrument Systems for Minimally Invasive Diagnosis and Therapy." <u>Biomedizinische Technik.</u> 2002, Band 47, Erganzungsband 1: 198-201.	٧	

Examiner	D . O.	Date	01-1
Signature	Paul Sp	Considered	8/25/04

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Application Number	10/616,096
Filing Date	July 8, 2003
First Named Inventor	Oleynikov et al.
Group Art Unit	2837
Examiner Name	Unknown
Attorney Docket Number	UNMC/0006
Submission Date	5/13/04

		NON PATENT LITERATURE DOCUMENTS	
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م و	1	Thomann, G. et al. "The Design of a new type of Micro Robot for the Intestinal Inspection." Proceedings of the 2002 IEEE/RSJ Intl. Conference on Intelligent Robots and Systems EPFL. October 2002: 1385-1390.	
Å.	2	Guo, Shuxiang et al. "Fish-like Underwater Microrobot with 3 DOF." <u>Proceedings of the 2002 IEEE International Conference on Robotics &amp; Automation</u> . May 2002: 738-743.	
	<u> </u>		
مو	3	Fukuda, Toshio et al. "Mechanism and Swimming Experiment of Micro Mobile Robot in Water." Proceedings of the 1994 IEEE International Conference on Robotics and Automation. 1994: 814-819.	
Эp	4	Guo, Shuxiang et al. "Micro Active Guide Wire Catheter System-Characteristic Evaluation, Electrical Model and Operability Evaluation of Micro Active Catheter."  Proceedings of the 1996 IEEE International Conference on Robotics and Automation. April 1996: 2226-2231.	
<b>م</b> وں	5	Yu, Sun et al. "Microrobotic Cell Injection." Proceedings of the 2001 IEEE International Conference on Robotics & Automation. May 2001: 620-625.	
Sp	6	Ruurda, JP et al. "Robot-assisted surgical systems: a new era in laparoscopic surgery." Ann. R. Coll. Surg. Engl. 2002, 84: 223-226.	
Sp	7	Menciassi, A. et al. "Robotic Solutions and Mechanisms for a Semi-Autonomous Endoscope." Proceedings of the 2002 IEEE/RSJ Intl. Conference on Intelligent Robots and Systems EPFL. October 2002: 1379-1384.	
Sp	8	Ishiyama, K. et al. "Spiral-type Micro-machine for Medical Applications." 2000 International Symposium on Micromechatronics and Human Science. 2000: 65-69.	
gp	9	Fearing, R. S. et al. "Wing Transmission for a Micromechanical Flying Insect."  Proceedings of the 2000 IEEE International Conference on Robotics & Automation. April 2000: 1509-1516.	
Sy	10	Mei, Tao et al. "Wireless Drive and Control of a Swimming Microrobot."  Proceedings of the 2002 IEEE International Conference on Robotics & Automation. May 2002: 1131-1136.	

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